

FORM PTO-1619A

Expires 06/30/99  
OMB 0651-0027

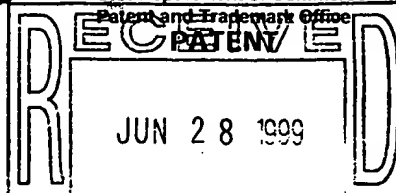
06-29-1999

REC-101079062  
**PATENTS ONLY**

ET

U.S. Department of Commerce

Patent and Trademark Office



TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☒ New

☐ Resubmission (Non-Recordation)  
Document ID#

☐ Correction of PTO Error  
Reel #  Frame #

☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☐ Assignment ☐ Security Agreement

☐ License ☒ Change of Name **6-28-99**

☐ Merger ☐ Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year  
**May 31 1999**

Name (line 1) **Reltec Corporation**Name (line 2) **Second Party**Name (line 1) Name (line 2) Execution Date  
Month Day Year**Receiving Party**☐ Mark if additional names of receiving parties attachedName (line 1) **Marconi Communications, Inc.**Name (line 2) Address (line 1) **5900 Landerbrook Drive**Address (line 2) Address (line 3) **Mayfield Hts.,** **Ohio** **44124**  
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) 

06/29/1999 DNGUYEN 00000057 09203409

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1760.00 DP

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number

(216) 586-7029

Name David B. Cochran, Esq.

Address (line 1) Jones Day Reavis & Pogue

Address (line 2) North Point

Address (line 3) 901 Lakeside Avenue

Address (line 4) Cleveland, Ohio 44114

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

**Application Number(s) or Patent Number(s)**

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

09/203,409

60/102,715

09/249,733

4,331,842

D291,563

4,903,292

09/164,495

09/237,984

09/249,055

4,352,962

4,767,980

4,952,758

09/150,817

09/286,055

09/309,717

D291,566

4,876,630

4,958,926

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 44

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 1,760.00

Method of Payment:  
Deposit Account

Enclosed ☒

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 10-1202

Authorization to charge additional fees:  
\*overpayment or underpayment

Yes

☒

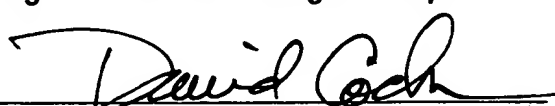
No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David B. Cochran



June 22 1999

Name of Person Signing

Signature

Date

REGISTRATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  City  State/Country  Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  City  State/Country  Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/100,392  09/277,705  29/106,035

09/130,734  09/300,880  09/324,244

09/305,637  09/305,579

09/325,619  60/135623

08/794,723  60/135,624

Patent Number(s)

4,980,655  5,146,476  5,515,433

5,022,752  5,155,746  5,505,636

5,046,067  5,260,996  4,309,676

5,050,210  5,640,433  4,546,322

5,067,810  5,652,712



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 02, 1998

PTAS

JONES, DAY, REAVIS & POGUE  
DAVID B. COCHRAN, ESQ.  
NORTH POINT  
901 LAKESIDE AVENUE  
CLEVELAND, OHIO 44114



\*100749017A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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RECORDATION DATE: 06/19/1998

REEL/FRAME: 9263/0548  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ETHRIDGE, BARRY JOE

DOC DATE: 06/17/1998

ASSIGNOR:  
GAINER, JAMES JOSEPH

DOC DATE: 06/17/1998

ASSIGNOR:  
KIMBROUGH, MAHLON DANNY

DOC DATE: 06/17/1997

ASSIGNEE:  
RELTEC CORPORATION  
5900 LANDERBROOK DRIVE  
CLEVELAND, OHIO 44114

SERIAL NUMBER: 09100392  
PATENT NUMBER:

FILING DATE: 06/19/1998  
ISSUE DATE:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

11-23-11 11:23:11

FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

06-30-1998

R J ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeTab settings ☐ ☐ ☐ ☐ ☐ ☐

To the Honorable Commissioner

100749017

3 attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Barry Joe ETHRIDGE  
James Joseph GAINER  
Mahlon Danny KIMBROUGHAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: June 17, 1998

## 2. Name and address of receiving party(ies)

Name: Reltec Corporation

Internal Address: 5900 Landerbrook Drive

Street Address: Same

City: Cleveland State: Ohio ZIP: 44114

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

09/100392

If this document is being filed together with a new application, the execution date of the application is: June 19, 1998

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Cochran, Esq.

Internal Address: Jones, Day, Reavis &amp; Pogue

Street Address: North Point  
901 Lakeside Avenue

City: Cleveland State: Ohio ZIP: 44114

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☒ Authorized to be charged to deposit account  
\*overpayment or underpayment

## 8. Deposit account number:

10-1202

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David B. Cochran, Esq.

Name of Person Signing

David B. Cochran

Signature

6/19/98

Date

Total number of pages including cover sheet, attachments, and document: 3



560013-610-017  
Center  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 08, 1999

PTAS

JONES DAY REAVIS & POGUE  
DAVID B. COCHRAN, ESQ.  
901 LAKESIDE AVENUE  
NORTH POINT  
CLEVELAND, OHIO 44114



\*101119409A\*

CORRECTED  
NOTICE

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 06/28/1999

REEL/FRAME: 010043/0815  
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RELTEC CORPORATION

DOC DATE: 05/31/1999

ASSIGNEE:

MARCONI COMMUNICATIONS, INC.  
5900 LANDERBROOK DRIVE  
MAYFIELD HTS., OHIO 44124

SERIAL NUMBER: 09203409  
PATENT NUMBER:

FILING DATE: 12/02/1998  
ISSUE DATE:

SERIAL NUMBER: 09164495  
PATENT NUMBER:

FILING DATE: 10/01/1998  
ISSUE DATE:

SERIAL NUMBER: 09150817  
PATENT NUMBER:

FILING DATE: 09/11/1998  
ISSUE DATE:

SERIAL NUMBER: 60102715  
PATENT NUMBER:

FILING DATE: 10/01/1998  
ISSUE DATE:

SERIAL NUMBER: 09237984  
PATENT NUMBER:

FILING DATE: 01/25/1999  
ISSUE DATE:

SERIAL NUMBER: 09286055  
PATENT NUMBER:

FILING DATE: 04/05/1999  
ISSUE DATE:

SERIAL NUMBER: 09249733  
PATENT NUMBER:

FILING DATE: 02/12/1999  
ISSUE DATE:

SERIAL NUMBER: 09249055  
PATENT NUMBER:

FILING DATE: 02/12/1999  
ISSUE DATE:

SERIAL NUMBER: 09309717  
PATENT NUMBER:

FILING DATE: 05/11/1999  
ISSUE DATE:

SERIAL NUMBER: 09100392  
PATENT NUMBER:

FILING DATE: 06/19/1998  
ISSUE DATE:

SERIAL NUMBER: 09130734  
PATENT NUMBER:

FILING DATE: 08/07/1998  
ISSUE DATE:

SERIAL NUMBER: 09305637  
PATENT NUMBER:

FILING DATE: 05/05/1999  
ISSUE DATE:

SERIAL NUMBER: 09325619  
PATENT NUMBER:

FILING DATE: 06/03/1999  
ISSUE DATE:

SERIAL NUMBER: 08794723  
PATENT NUMBER:

FILING DATE: 02/03/1997  
ISSUE DATE:

SERIAL NUMBER: 09277705  
PATENT NUMBER:

FILING DATE: 03/26/1999  
ISSUE DATE:

SERIAL NUMBER: 09300880  
PATENT NUMBER:

FILING DATE: 04/28/1999  
ISSUE DATE:

SERIAL NUMBER: 09305579  
PATENT NUMBER:

FILING DATE: 05/05/1999  
ISSUE DATE:

SERIAL NUMBER: 60135623  
PATENT NUMBER:

FILING DATE: 05/24/1999  
ISSUE DATE:

SERIAL NUMBER: 60135624  
PATENT NUMBER:

FILING DATE: 05/24/1999  
ISSUE DATE:

SERIAL NUMBER: 29106035  
PATENT NUMBER:

FILING DATE: 06/07/1999  
ISSUE DATE:

SERIAL NUMBER: 09324244  
PATENT NUMBER:

FILING DATE: 06/02/1999  
ISSUE DATE:

SERIAL NUMBER: 06163929  
PATENT NUMBER: 4352962

FILING DATE: 06/27/1980  
ISSUE DATE: 10/05/1982



SERIAL NUMBER: 06867375  
PATENT NUMBER: D291566

FILING DATE: 05/27/1986  
ISSUE DATE: 08/25/1987

SERIAL NUMBER: 06708734  
PATENT NUMBER: D291563

FILING DATE: 03/06/1985  
ISSUE DATE: 08/25/1987

SERIAL NUMBER: 07111215  
PATENT NUMBER: 4767980

FILING DATE: 10/22/1987  
ISSUE DATE: 08/30/1988

SERIAL NUMBER: 07250974  
PATENT NUMBER: 4876630

FILING DATE: 09/23/1988  
ISSUE DATE: 10/24/1989

SERIAL NUMBER: 07265718  
PATENT NUMBER: 4903292

FILING DATE: 11/01/1988  
ISSUE DATE: 02/20/1990

SERIAL NUMBER: 07327685  
PATENT NUMBER: 4952758

FILING DATE: 03/23/1989  
ISSUE DATE: 08/28/1990

SERIAL NUMBER: 07264356  
PATENT NUMBER: 4958926

FILING DATE: 10/31/1988  
ISSUE DATE: 09/25/1990

SERIAL NUMBER: 07517765  
PATENT NUMBER: 4980655

FILING DATE: 05/02/1990  
ISSUE DATE: 12/25/1990

SERIAL NUMBER: 07411727  
PATENT NUMBER: 5022752

FILING DATE: 09/25/1989  
ISSUE DATE: 06/11/1991

SERIAL NUMBER: 07547430  
PATENT NUMBER: 5046067

FILING DATE: 07/02/1990  
ISSUE DATE: 09/03/1991

SERIAL NUMBER: 07504049  
PATENT NUMBER: 5050210

FILING DATE: 04/03/1990  
ISSUE DATE: 09/17/1991

SERIAL NUMBER: 07541577  
PATENT NUMBER: 5067810

FILING DATE: 06/21/1990  
ISSUE DATE: 11/26/1991

SERIAL NUMBER: 07621536  
PATENT NUMBER: 5146476

FILING DATE: 12/03/1990  
ISSUE DATE: 09/08/1992

SERIAL NUMBER: 07461814  
PATENT NUMBER: 5155746

FILING DATE: 01/08/1990  
ISSUE DATE: 10/13/1992

SERIAL NUMBER: 07624860  
PATENT NUMBER: 5260996

FILING DATE: 12/10/1990  
ISSUE DATE: 11/09/1993

SERIAL NUMBER: 08566898  
PATENT NUMBER: 5640433

FILING DATE: 12/04/1995  
ISSUE DATE: 06/17/1997

SERIAL NUMBER: 08567140  
PATENT NUMBER: 5652712

FILING DATE: 12/04/1995  
ISSUE DATE: 07/29/1997

SERIAL NUMBER: 08298146  
PATENT NUMBER: 5515433

FILING DATE: 08/30/1994  
ISSUE DATE: 05/07/1996

SERIAL NUMBER: 08328904  
PATENT NUMBER: 5505636

FILING DATE: 10/25/1994  
ISSUE DATE: 04/09/1996

SERIAL NUMBER: 06185892  
PATENT NUMBER: 4309676

FILING DATE: 09/10/1980  
ISSUE DATE: 01/05/1982

SERIAL NUMBER: 06526119  
PATENT NUMBER: 4546322

FILING DATE: 08/24/1983  
ISSUE DATE: 10/08/1985

SERIAL NUMBER: 06120125  
PATENT NUMBER: 4331842

FILING DATE: 02/11/1980  
ISSUE DATE: 05/25/1982

JACQUELINE MOORE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS